

ABSTRACT OF THE DISCLOSURE

A multilayer PEX pipe having improved resistance to oxidizing agents in water. The pipe has a thin tubular core (inner layer) of high density polyethylene and an outer layer of crosslinked polyethylene. The pipe may optionally have an oxygen barrier layer, such as poly(ethylene-co-vinyl alcohol) ("EVOH"), contiguously disposed radially outward from the PEX layer. The pipe is suitable for potable water applications and for hot water radiant heating systems.